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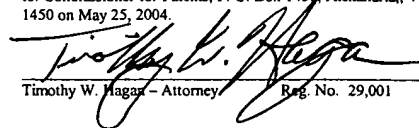
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicants : Yang et al.  
Serial No. : 10/785,274  
Filed : February 24, 2004  
Title : **IMMOBILIZATION OF ENZYME ON A FIBROUS MATRIX**  
Docket : OSU 0003 PA/41096.8/01ID85F

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING  
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on May 25, 2004.

  
Timothy W. Magan - Attorney Reg. No. 29,001

Sir:

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UNDER 37 CFR §§ 1.56, 1.97, AND 1.98

Applicants submit herewith patents, publications, and other information of which they are aware, which they believe may be material, as defined in 37 CFR §1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR §1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 CFR §1.97(h), constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§102 and 103, and Applicants reserves the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish otherwise. Further, pursuant to 37 CFR §1.97(g), the filing of this Statement should not be construed as a statement that a search has been made or that no other material information exists.

Serial No. 10/785,274

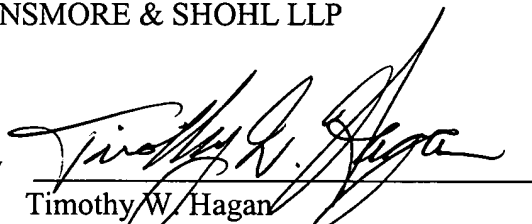
Docket No. OSU 0003 PA/41096.8/01ID85F

This Information Disclosure Statement is being filed within the period set forth in 37 CFR §1.97(b) because it is believed to be filed before the mailing date of a first office action on the merits.

The Office has waived the requirement pursuant to 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003. Therefore, no copies of each cited U.S. patent and each cited U.S. patent application publication are enclosed, but the cited U.S. patents and the cited U.S. patent application publications are listed on PTO/SB/08A.

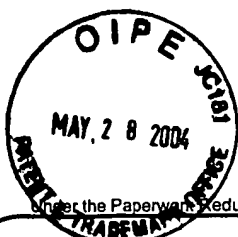
Respectfully submitted,  
DINSMORE & SHOHL LLP

By

  
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PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/785,274
Filing Date	February 24, 2004
First Named Inventor	Shang-Tian Yang
Art Unit	
Examiner Name	
Attorney Docket Number	OSU 0003 PA/41096.8/01ID85F

Sheet 1 of 6

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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		YANG ET AL., "A Dynamic Light Scattering Study of $\beta$ -Galactosidase: Environmental Effects on Protein Conformation and Enzyme Activity", Biotechnol. Prog. 1994, 10, pp. 525-531	

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		KUMAR ET AL., "Whole blood glucose determination using glucose oxidase immobilized on cotton cheese cloth", Analytica Chimica Acta 338 (1997), pp. 135-140	
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		FODA ET AL., "Continuous production of oligosaccharides from whey using a membrane reactor", Process Biochemistry 35 (2000), pp. 581-587	
		YANG ET AL., "Novel Products and New Technologies for Use of a Familiar Carbohydrate, Milk Lactose", Journal of Dairy Science, Vol. 78, No. 11, 1995, pp. 2541-2562	

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Sheet	3	of	6

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		DISSING ET AL., "Polyelectrolyte complexes as vehicles for affinity precipitation of proteins", Journal of Biotechnology, 52, (1996), pp. 1-10	

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		IWASAKI ET AL. "Galacto-oligosaccharide Production from Lactose by an Enzymic Batch Reaction Using $\beta$ -Galactosidase", Process Biochemistry, Vol.31, No. 1, 1996, pp. 69-76	

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		ZHAO ET AL., Polyelectrolyte precipitation of $\beta$ -galactosidase fusions containing poly-aspartic acid tails", Journal of Biotechnology, 14 (1990), pp. 273-284	
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		AXELSSON ET AL., "Economic Evaluation of the Hydrolysis of Lactose Using Immobilized $\beta$ -Galactosidase", Applied Biochemistry and Biotechnology, Vol. 24/25, 1990, pp. 679-693	
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		MOZAFFAR ET AL., "Purification and Properties of $\beta$ -Galactosidases from Bacillus circulans", Agric. Biol. Chem, 48 (12), 1984, pp. 3053-3061	

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